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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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	Complete if Known	
Application Number	09/511,986	
Filing Date	February 24, 2000	
First Named Inventor	Vernon M. Williams	
Group Art Unit	2811	
Examiner Name	O. Nadav	
Attorney Docket Number	2269-4208US (99-0316.00/US)	

Sheet		l of	1	Attorney Docket Number	2269-42	08US (99-0316.00/US)
	<u>-</u>		U.S. PAT	ENT DOCUMENTS		
Examiner	Cite	Document Number	Publication	Name of Patentee or A		Pages, Columns, Lines, Where Relevan
	No.1		. MM DD VVVV	Cited Docume	ent	Passages or Relevant Figures Appear
0~		US-4,511,595	04/198	5 Inoue		
200		US- 4,526,807	07/198	5 Auerbach	1	<del></del>

Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant		
Initials *	No.1	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Cited Document	Passages or Relevant Figures Appear		
0~		US-4,511,595	04/1985	Inoue			
0~		US- 4,526,807	07/1985	Auerbach	<del></del>		
ON		US- 4,578,155	03/1986	Halliwell et al.			
dN		US- 6,096,574	08/2000	Smith	<del></del>		
UN		US- 6,391,251 B1	05/2002	Keicher et al.	<del></del>		
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	FOREIGN PATENT DOCUMENTS						
Examiner Cite		Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,		
Initials*	No.	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>	
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Examiner Signature Date Considered 10/29/03	Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Substitute for form 1449A/PTO
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		Document Number	U.S. PATENT D	Name of Patentee or Applicant of	
Examiner Cite		Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ON		US-6,063,641	05/16/2000	Seki	
ON		US- 6,468,891 B2	10/22/2002	Williams	
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Examiner Initials*	Cite	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,	
	No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>3</sup> (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
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Examiner Signature	0~	Date Considered	10/29/03

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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